



FOR GOD AND COUNTRY

# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



## WORKSHEET -3(Answer Key)

### Topic – Introduction to Computer Networking

Subject: COMPUTER SCIENCE

Class - 12

F.M:15

Chapter: Computer Networking

Date: 05/05/2020

#### Choose the correct answer for each question:

**15x1=15**

1. The serial communication is
  - a) cheaper communication
  - b) requires less number of conductors
  - c) slow process of communication
  - d) **all of the these**
2. In \_\_\_\_\_ transmission of data, a group of n bits are sent simultaneously.
  - a) **parallel**
  - b) synchronous
  - c) asynchronous
  - d) serial
3. Serial transmission can be \_\_\_\_\_.
  - a) parallel
  - b) synchronous
  - c) asynchronous
  - d) **both (b) and (c)**
4. \_\_\_\_\_ transmission features start bits, stop bits, and gap between data units.
  - a) parallel
  - b) synchronous
  - c) **asynchronous**
  - d) serial
5. Data transmission between the keyboard and the computer is usually \_\_\_\_\_.
  - a) parallel
  - b) synchronous
  - c) **asynchronous**
  - d) serial
6. Serial transmission without start bits, stop bits or gaps is called \_\_\_\_\_.
  - a) parallel
  - b) **synchronous**

- c) asynchronous
- d) virtual

7. In Synchronous transmission, data is sent in the form of:

- a) blocks
- b) frames
- c) both (a) and (b)**
- d) bytes

8. In Asynchronous transmission, data is sent in the form of:

- a) bytes
- b) characters
- c) both (a) and (b)**
- d) blocks

9. Synchronous transmission is \_\_\_\_\_ type.

- a) half-duplex
- b) **full-duplex**
- c) simplex
- d) none of these

10. Asynchronous transmission is \_\_\_\_\_ type.

- a) **half-duplex**
- b) full-duplex
- c) simplex
- d) none of these

11. The parallel communication is used for

- a) **short distance communication**
- b) long distance communication
- c) short and long distance communication
- d) communication for a certain range of distance

12. In serial transmission, \_\_\_\_\_ bit(s) are/is transferred at one clock pulse.

- a) **one**
- b) two
- c) four
- d) eight

13. In parallel transmission, \_\_\_\_\_ bit(s) are/is transferred at one clock pulse.

- a) one
- b) two
- c) four
- d) **eight**

14. Data transmission over telephone lines uses \_\_\_\_\_.

- a) parallel
- b) one way transmission
- c) **serial**
- d) none of these

15. The serial communication is used for

- a) short distance communication
- b) **long distance communication**
- c) short and long distance communication
- d) communication for a certain range of distance

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